Transportation and Distribution Information Systems (TDIS)
Program Office
PG-10/PM LOG/IT

Mission

Plan, Develop, Coordinate, Implement, and Evaluate Joint Logistics Information Systems to support the Transportation of Supplies and Equipment to the Operational Forces as directed by HQMC Functional Managers.

http://www.marcorsyscom.usmc.mil/sites/Transfdpe/

✓TDIS Applications
(Unit Move)

- ✓ **TC-AIMS II** – Transportation Coordinators' Automated Information for Movement System II **(Awaiting JROC Decision)**

- ✓ **AALPS** – Automated Air Load Planning System

- ✓ **ICODES** – Integrated Computerized Deployment System

- ✓ **MDSS II version 7.1** – MAGTF Deployment Support Systems II **(Managed by Albany, Supported by TDIS)**

- ✓ **SMT** – Shipboard Movement Tracking

  - ✓ AIT/RFID **–** Automatic Identification Technology/Radio Frequency Identification associated with Unit Move Systems**.**

✓ TDIS Applications
(Sustainment)

- ✓ **AMS-TAC** – Automated Manifest System - Tactical

- ✓ **CMOS** – Cargo Movement Operations System

  - ✓ AIT/RFID **– Automatic Identification Technology/Radio Frequency Identification associated with TDIS Systems.**
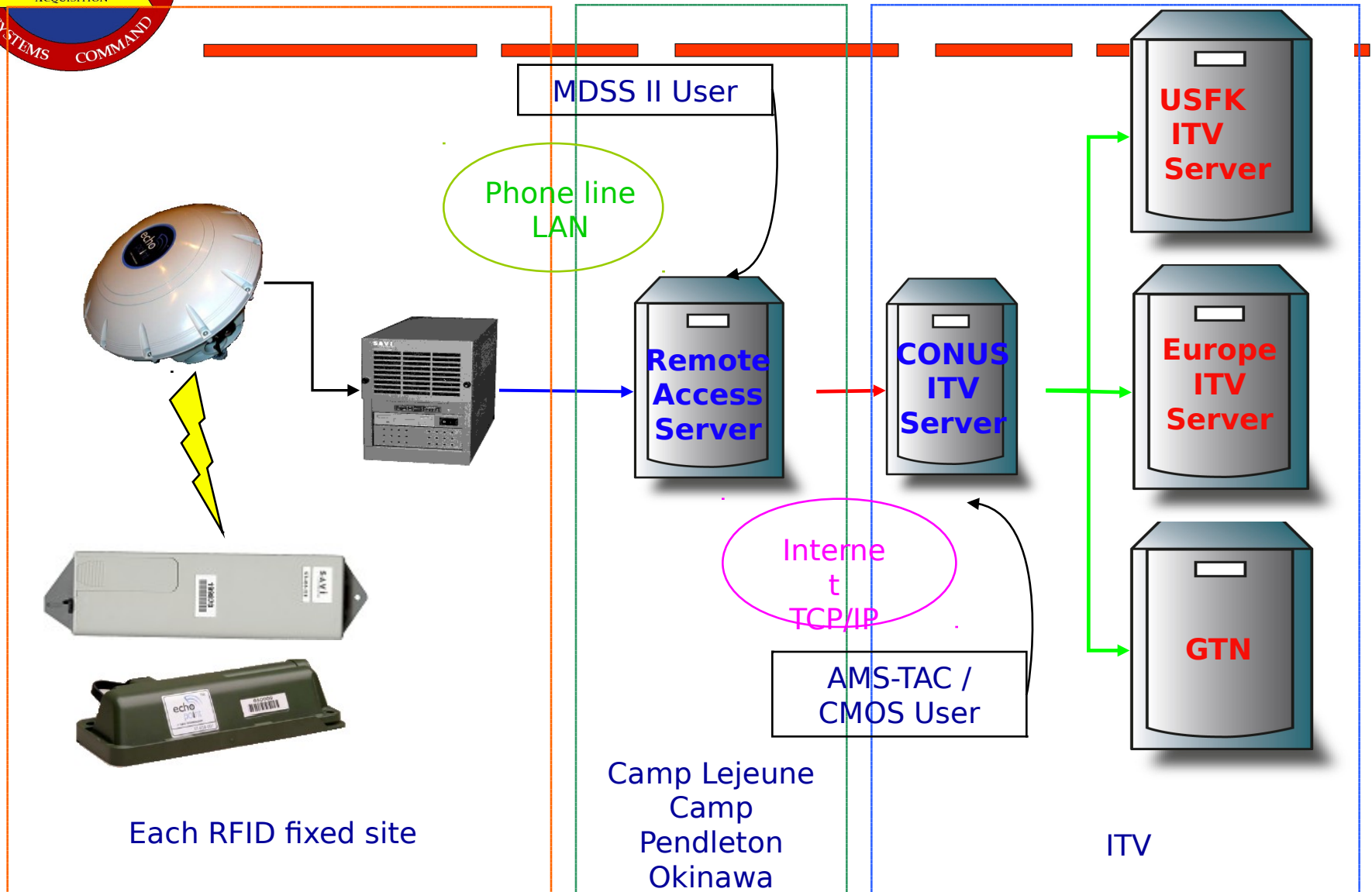
RFID Infrastructure

- ✓ PM GCSS/TDIS assumed the role to plan, coordinate and establish the Fixed infrastructure to support In-Transit Visibility (ITV)
    - ✓ Unit Move Applications Read/Write RF Tags (MDSS II)
    - ✓ Sustainment Applications Read/Write RF Tags (AMS-TAC/CMOS)

- ✓ Each Base/Station will have several Fixed Sites. TDIS coordinates:
    - ✓ Site Surveys
    - ✓ Site Preps
    - ✓ Site installs

- ✓ Maintenance Contract is in place (SAVI) to provide 24/7 support to monitor, report and repair all fixed sites

RFID INFRASTUCTURE

MDSS II User

Phone line LAN

Remote Access Server

CONUS ITV Server

USFK ITV Server

Europe ITV Server

GTN

Internet TCP/IP

AMS-TAC / CMOS User

Each RFID fixed site

Camp Lejeune
Camp Pendleton
Okinawa

ITV

✓ **Interrogator**

✓ Reads/Writes to Active Tags

✓ Omni-directional Read/Write Pattern at 433.92MHz

✓ Adjustable Range up to 300 feet

✓ Communicates with Retriever / Site Manager via RS-485 (Hard Wired Connection Between Interrogator and Retriever)

✓ **Retriever / Site Manager**

- ✓ Receives Data from Interrogator(s)

- ✓ Automatically Forwards Tag Data to an In-Transit Visibility Server

- ✓ Hardened Industrial Computer

- ✓ Windows 2000 Professional

- ✓ Designed for Unattended Operation

- ✓ No Monitor, Keyboard, or Mouse Required

✓**Locations**

- ✓ MCB, Camp Lejeune, NC
    - ✓ Main Gate, Piney Green, Sneads Ferry, LMCC, LOT 201, MDC/SMU, TMO, Triangle Gate, Rail Head, Onslow Beach
- ✓ MCAS Cherry Point, NC
    - ✓ Main Gate, APOE, Back Gate
- ✓ MCAS New River, Jacksonville, NC
    - ✓ Main Gate, Gate 2
- ✓ MCAS Beaufort, SC
    - ✓ Main Gate, Airfield, Secondary Gate

✓ **Locations** (Cont)

- ✓ MCLB Barstow
  - ✓ Yermo, CA (Barstow)
- ✓ OKINAWA
  - ✓ Camp Kinser, Camp Hanson, Camp Schawb, Camp Butler, Camp Foster, MCAS Futenma, Kadena AFB, Red Beach, White Beach
- ✓ MCAS Iwakuni, Japan
- ✓ Hawaii
  - ✓ MCB Kaneohe, Camp Smith, HI

✓ **What Gets Tagged?**

OSD Policy, RFID Tag Placement Guide, LPV Website

Sustainment – 20'/40' ISO Containers, Lg Engine Containers, 463L Pallets, Sustainment or Retrograde shipments of DoD cargo being shipped internationally.

Unit Move – All freight Containers and palletized unit move shipments. Principal End Items (PEI): Vehicles, Equipment, Major Repair Components, etc.

Ammo Shipments being shipped internationally

HQMC Developing Tag Placement and Return Guidelines

Local Commanders Option to Tag more than identified..

✓ System Modification's Process

- ✓ **Identify Requirements (Write Up) FRB**
- ✓ **Contractor writes up estimate**
- ✓ **Prepare Contract**
- ✓ **GAT**
- ✓ **NMCI Approval/Certification**
  - ✓ Request for Service (RFS) Test 60 days min (Funds)
  - ✓ Department (DON) Application Data Management System (DADMS)
  - ✓ Request to Deploy (RTD)
  - ✓ Release Deployment Plan (RDP)
  - ✓ Op Test Application to Machine (ATM)
- ✓ **Request Authority to Operate (ATO), or IATO**
- ✓ **Coordinate Install and Training**

Questions ?

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*Thank
You !*